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(54) **Sliding element for seals and their process of manufacturing**

(57) Sliding element for seals mainly comprises 25 to 75 weight % carbonaceous impalpable powdery aggregate of non-graphitizing carbon and/or graphitizing carbon and 20 to 50 weight % synthetic resin as binder. The element is blended with the range of 5 to 25 weight % carbonaceous carbon fibers without surface treatment

and inside carbon matrix, the carbon fibers are randomly scattered. This will provide sliding element for seals which has high degree of hardness, excellent wear resistance property and further, solid lubrication property. The sliding element is fired.

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EUROPEAN SEARCH REPORT

Application Number
EP 04 00 1374

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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			TECHNICAL FIELDS SEARCHED (IPC)
			F16J C04B
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 11 May 2007	Examiner Raming, Tomas
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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